

St peace College / dheth

Assessment career job :

-application name : tshingombe tshitadi

Permit award :

N diploma certificate n saqa permit award :

Evaluation saqa vocational framework qualification nqf :

**1. TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING LECTURER LEARNING
WORK-INTEGRATED LEARNING:**

Assessment in order

College and institute;

College and institute engineering school business study

College and institute police school, integrity

Institution accreditation seta sasseta police merest /

Integration report annual case book order public library theory relate trade theory and report trade theory in report annual city power trade theory bibliotheca city power tendered report annual , report mission company industrial trade theoretical ,

In order practical trade workshop lab city workplace training artisan relate orientation industrial

Overview vision mission focused company city municipality government industrial

Company mission college nonprofit company design relate case conciliation practical Manuel . Mission join contractor company force , mission trade industrial profit target product money market , vision

Overview mission meeting mission city power meeting escom career ,department trade in theoretical practical library bibliotheca

Career teacher lecture, teacher job, task 8 job teacher

College and institute ;

College and institut engineering school business studie

College and institut police school, integrity

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Integration report annual case book order public libraries theory relate trade theory and report trade theory in report annual city power trade theory bibliotheca city power tendered report annual , report mission company industrial trade theoretical ,

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Overview mission meeting mission city power meeting Eskom career „department trade in theoretical practical libraries bibliotheca

NOTE:

OTHER POSTS

POST: SENIOR LECTURER: OFFICE ADMIN REF NO: WCTVET 2/8/0066

CONTRACT: Permanent (PL2)

SALARY: R 353 979 per annum plus benefits as applicable in the Public Service

CENTRE:

COURSEWORK SPECIFICATION

SEMESTER 3, ACADEMIC YEAR 2020/2021 COURSEWORK SPECIFICATION 1.Semester Date: 18 January 2021 – 25 April 2021 2.

(3.Course Assessment Weighting: NO.ASSESSMENT METHODS Weighting 1.COURSEWORK* -

Coursework 1: Group Assignment cum Individual Presentation –

Coursework 2: Mid-Term Test 50% 2.FINAL EXAMINATION 50% TOTAL 100% *: Coursework Plan for the weighting of each coursework

component.

4.Coursework 1: Group Assignment cum Individual Presentation •

Each tutorial class should be divided into 5 sub-groups.

- Each group is required to conduct a live presentation through online platform i.e., Google Meet, and submit a complete answer (in Microsoft Word format) for Section B according to the allocated tutorial question. Please refer to Appendix 1 for the allocation of tutorial questions.

- All group members MUST be involved in the live presentation. • A group leader should be elected in each sub-group to allocate tutorial questions to the group members. The group leader is required to submit a list of the group members to the respective tutors by Week 2. • Students will be assessed from Tutorial 2 (Week 3) until Tutorial 6 (Week 7). • Each student will be awarded 2 categories of marks i.e., group mark and individual mark.

x 4 and 5 for assessment grid and marks allocation. The group mark will be based on the content of the group assignment (in Microsoft Word format). The individual mark will be based on visual aids used and articulation in the live presentation (in Microsoft PowerPoint format)

CENTRAL JOHANNESBURG TVET NATED, NCV & NQF- 2021 ICASS Portfolio of Assessment – POA

ICASS Portfolio of Assessment - POA

Name of Lecturer:											
Learning Programme:											
Subject											
Level:	N1	N2	N3	N4	N5	N6	L2	L3	L4		
Class Group:											
Lecturer Cellphone Number:											

Number and spread of assessment tasks which make up the ICASS component across Levels 2, 3 and 4/

ADMINISTRATION OF STUDENT PORTFOLIO TEACHING/LECTURING LECTURER INFORMATION/
learner

Name of Lecturer:	
Qualifications	
ACE Registration Number	
Teaching/Lecturing Experience	
Workplace Experience:	
Lecturer's Appointment Date	
Lecturer's Duties	
ADMINISTRATION OF STUDENT PORTFOLIO TEACHING/LECTURING	

ASSESSOR/LECTURER DECLARATION Compilation of the ICASS Portfolio of Assessment I (Full Names and Surnames)_____ hereby declare that I have compiled this ICASSPOA file in accordance with the following Department of Higher Education policies:
•REVISED GUIDELINES FOR THE IMPLEMENTATION OF INTERNAL CONTINUOUS ASSESSMENT (ICASS) IN THE NC(V), REPORT 191 & NQF QUALIFICATIONS AT TVET COLLEGES
Signature of Assessor: _____ Date: _____

NC DIPLOMA V SN, VS NCVS LEVEL SUBJECT

Electrical Principles and Practice Level 4 Assessment Guidelines (January 2015)
National Certificates (Vocational)

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• Unknown voltages, currents and resistance in a circuit are calculated

Range: series, parallel and series-parallel

• Calculate unknown voltages, currents and resistance in a circuit

• Unknown currents and voltages in a circuit are calculated using Kirchhoff's laws

Range: Max with two batteries and a generator

• State and use Kirchhoff's laws to determine unknown currents and voltages in a circuit

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

• Assess the student on the achievement of the learning outcomes listed here.

• Given a circuit, students use loops to obtain equations which are solved to determine unknown currents, for example current supplied by generator, current through battery A and B.

Practical assessment

• Student builds circuits on breadboard, the electrical quantities measured and compared with

calculated values using Ohm's and Kirchhoff's laws.

SUBJECT OUTCOME

1.2 Explain measuring instruments

ASSESSMENT STANDARD LEARNING OUTCOME

• The manner in which measuring instruments are inserted into circuits is sketched and explained

Range: Voltmeters, ammeters, ohmmeters, wattmeter (single phase), frequency meters, insulation resistance testers, clamp on ammeter and instrument transformers

• Sketch and explain how measuring instruments are inserted into circuits

• The value of series and shunt resistors required to extend the range of voltmeters and ammeters in a circuit is calculated

• Calculate the value of series and shunt resistors required to extend the range of voltmeters and ammeters in a circuit

• The two different methods of connecting a voltmeter and ammeter in a circuit are listed and explained

• List and explain the two different methods of connecting a voltmeter and ammeter in a circuit

Range: short and long shunt

• The calculation of the value of an unknown resistance is explained using the Wheatstone bridge

• Explain using the Wheatstone bridge how the value of an unknown resistance is calculated

• Practical applications of the Wheatstone bridge

are listed and explained

- List and explain the practical applications of the Wheatstone bridge

- Errors in measurement are calculated

Range: Absolute error and percentage relative error

- Calculate errors in measurement

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National Certificates (Vocational)

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ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the student on the achievement of the learning outcomes listed here.

Practical assessment

- Student must be able to connect the measuring instruments stated in the range
- Demonstrate the two different methods of connecting a voltmeter and ammeter in a circuit

- Build a Wheatstone bridge

SUBJECT OUTCOME

1.3 Explain alternating voltages and currents

ASSESSMENT STANDARD LEARNING OUTCOME

- Terms such as cycle, period time and frequency of a waveform are defined

- Define cycle, period time and frequency of a waveform

- Periodic time and frequency are calculated
- Perform calculations for periodic time and frequency

- Terms such as instantaneous, peak, average and r.m.s values, form and peak factors for a sine wave are defined

- Define instantaneous, peak, average and r.m.s values, form and peak factors for a sine wave

- Calculations are performed using the general sinusoidal equation

- Perform calculations using the general sinusoidal equation $v = V_m \sin(\omega t \pm \phi)$

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

Assess the student on the achievement of the learning outcomes listed here.

Calculations include, for example

- An alternating voltage is represented by $v = 50 \sin(200\pi t - 0,75)$ volts. Calculate the amplitude, peak to peak value, the r.m.s value, the periodic time, the frequency and phase angle in degrees and minutes.

Practical assessment

- Student does practical on oscilloscope to display voltages

SUBJECT OUTCOME

1.4 Explain the concepts of series and parallel AC circuits

ASSESSMENT STANDARD LEARNING OUTCOME

- Phasor diagrams of current and voltage waveforms for AC circuits are drawn

Range: purely resistive, inductive and capacitive.

- Draw phasor diagrams of current and voltage waveforms for AC circuits

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- The concepts of inductive and capacitive reactance are explained
- Explain the concepts of inductive and capacitive reactance
- Calculations for series and parallel RL, RC and RLC circuit (excluding resonance) are performed
- Perform calculations for series RL, RC and RLC circuit (excluding resonance)
- Perform calculations for parallel RL, RC and RLC circuit (excluding resonance)
- Power in an AC circuit is calculated • Calculate power in an AC circuit
- True, apparent, reactive power and power factor are calculated
- Calculate true, apparent, reactive power and power factor
- The importance of power factor is explained • Explain the importance of power factor

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the student on the achievement of the learning outcomes listed here.
- The effect of change of frequency on current and voltage in a RC series circuit is explained
- Show how impedance and phase angle vary with frequency in a parallel RC circuit.
- Voltage and current waveforms are compared in RL circuit
- The effect of change of frequency on current and voltage in a series RL circuit is discussed
- Student does calculations on RC series and parallel
- Students calculate impedance, reactance, voltage, current, phase angle; and a phasor diagram is drawn for the circuit.
- RL series and parallel: students perform calculations to determine impedance, reactance, voltage, current, phase angle; and phasor diagram and impedance triangle of the circuit are drawn
- RLC series and parallel: determine current, voltage, impedance, phase angle; and draw phasor diagrams for an RLC circuit

Practical assessment

- Practical examination of the behaviour of series and parallel RC, RL and RLC circuits

Topic 2: Generation and supply of electricity

SUBJECT OUTCOME

2.1 Explain the principles behind the generation and supply of electricity

ASSESSMENT STANDARD LEARNING OUTCOME

- The generation of single-phase and three-phase A.C supply is explained with sketches
- Explain with the aid of sketches how single-phase and three-phase A.C. supply is generated
- The advantages of 3-phase distribution and disadvantages of single phase distribution are explained

- Explain advantages of 3-phase distribution
 - Explain disadvantages of single phase distribution
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- The layout of a typical electrical supply from the generating plant to the customer is sketched and explained, showing transformer applications and typical operating voltages
- Sketch and explain the layout of a typical electrical supply from the generating plant to the customer, showing transformer applications and typical operating voltages
- The effect of voltage on transmission efficiency is explained
- Discuss the effect of voltage on transmission efficiency
- The advantages of transmitting power over the transmission lines at high voltages are listed
- List the advantages of transmitting power over the transmission lines at high voltages
- The resources that are mainly used for generating electrical energy are listed and explained

Range: Thermal, hydroelectric and nuclear

- List and explain resources that are mainly used for generating electrical energy
 - Radial and ring distribution networks are differentiated
 - Differentiate between radial and ring distribution networks
 - Materials and components used in overhead transmission lines are sketched and explained
- Range: max. 11000V; poles, struts, ties, pin-, strain- and suspension-insulators, steel cored conductors, lightning arrestors, transformers, fuses and switchgear.**

- Sketch and explain materials and components used in overhead transmission lines

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment:

- Assess the student on the achievement of the learning outcomes listed.

Practical assessment

- Student identifies different materials and components used in overhead transmission lines

SUBJECT OUTCOME

2.2 Explain three-phase systems

ASSESSMENT STANDARD LEARNING OUTCOME

- Star and delta connections are explained • Explain star and delta connections
- Line voltage / current and phase voltage / current in star and delta connections are calculated
- Calculate line voltage / current and phase voltage / current in star and delta connections
- The phasor diagram for a balanced star and

delta connected load is sketched

- Sketch the phasor diagram for a balanced star and delta connected load
- Power in a three-phase system is calculated • Calculate power in a three-phase system
- Measurement of power in a three-phase system is explained by using one, two and three wattmeter methods
- Explain how power is measured in a three-phase system by using one, two and three wattmeter methods

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- Star and delta connections are compared • Compare star and delta connections

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess students on the achievement of the learning outcomes

Practical assessment

- Student does practical to measure electrical quantities in star and delta connections

Topic 3: Earthing practices

SUBJECT OUTCOME

3.1 Explain the earthing of electrical appliances, installations and low-voltage (LV) distribution systems.

ASSESSMENT STANDARD LEARNING OUTCOME

- Terms used for earthing are defined according to current regulations and standards
- Range: earth, earthed, earthing, earth electrode, earth fault current, earth electrode, earth leakage current, fault, fault current, earth fault current, earth continuity conductor and consumer earth terminal

- Define terms used for earthing according to current regulations and standards
- The functions of earthing are listed • List the functions of earthing
- Materials and types of earth electrodes that can be used are listed
- List materials and types of earth electrodes that can be used
- The means of achieving earthing in electrical appliances and domestic installation is explained
- Explain how earthing is achieved in electrical appliances and domestic installation
- The aim of bonding and the requirements for a bonding conductor are explained
- Explain the aim of bonding and the requirements for a bonding conductor
- The parts to be bonded in a domestic installation are listed
- List the parts to be bonded in a domestic installation
- Tests to ensure that an installation conforms to earthing regulations are performed

Range: Continuity of bonding, resistance of earth continuity conductor, earth fault loop impedance tests

- Perform tests to ensure that an installation conforms to earthing regulations
- The reasons for earthing the neutral of a low-voltage (LV) system are listed
- List the reasons for earthing the neutral of a low-voltage (LV) system.
- TN-C-S and TN-S systems earthing is explained with sketches
- Explain with the aid of a sketch TN-C-S and TN-S systems earthing

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- The operation of earth core leakage relays are explained with the aid of sketches

Range: single and three-phase

- Explain, with the aid of sketches, the operation of earth core leakage relays
- The testing of earth leakage relays is explained
- Explain how earth leakage relays are tested

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the student on the achievement of the learning outcomes listed.

Practical assessment

- Student identifies earthing practices in electrical appliances and domestic installations
- Students practically demonstrate how bonding is performed
- Students perform tests according to current regulations and standards, and record results
- Earth leakage relays are connected in a distribution board, and tested for compliance
- Students design an earth leakage tester as a project.

Topic 4: Transformers

SUBJECT OUTCOME

4.1 Explain single-phase transformers

ASSESSMENT STANDARD LEARNING OUTCOME

- The operation and construction of a basic transformer is explained
- Explain the operation and construction of a basic transformer
- Shell and core type transformers are distinguished
- Distinguish between shell and core type transformers
- Basic calculations for transformers are performed

Range: transformer turns ratio, current ratio, voltage ratio and rating of a transformer

- Perform basic calculations for transformers
- Losses in a transformer are explained

Range: Copper and iron (eddy current and hysteresis) losses

- Explain losses in a transformer

- Changes of efficiency with different power factors are illustrated graphically
- Illustrate graphically changes of efficiency with different power factors
- The conditions for maximum efficiency of a transformer are discussed
- Discuss the conditions for maximum efficiency of a transformer
- Transformer efficiency at full load is calculated • Calculate transformer efficiency at full load
- The emf equation of a transformer is explained and used
- Explain and use the emf equation of a transformer

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- The phasor diagram on no-load is drawn and used
 - Draw and use the phasor diagram on no-load
 - The two types of tests performed on a transformer are listed and explained
- Range: open circuit (no-load) and short circuit (impedance) tests
- List and explain the two types of tests performed on a transformer

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the students on the achievement of the learning outcomes listed

Practical assessment

- Students measure and compare primary and secondary voltage/ current of a transformer

SUBJECT OUTCOME

4.2 Explain three-phase transformers

ASSESSMENT STANDARD LEARNING OUTCOME

- The basic principles of three-phase transformer construction are explained
- Explain the basic principles of three-phase transformer construction
- The four most common three-phase transformer connections are sketched and their respective uses and advantages and disadvantages are stated

Range: Delta-delta, delta-star, star-delta and star-star

- Sketch the four most common three-phase transformer connections and state their respective uses and advantages and disadvantages
 - Line / phase voltage and current are calculated • Calculate line / phase voltage and current
 - The operation and circuit connections of instrument transformers are explained
- Range: Potential and current transformers
- Explain the operation and circuit connections of instrument transformers

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the achievement of the learning outcomes listed

Practical assessment

- Demonstrate the windings of a three-phase transformer
- Students identify the different instrument transformers

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Topic 5: Electrical machines

SUBJECT OUTCOME

5.1 Explain DC machines

ASSESSMENT STANDARD LEARNING OUTCOME

- The significance of back emf in a DC machine is explained

- Explain the significance of back emf in a DC machine

- The terminal voltage and generated emf of a generator is calculated

Range: Separately excited, self-excited (shunt and series), compound (long and short shunt) generators

- Calculate terminal voltage and generated emf of a generator

- The characteristic curves (load characteristic) of DC generators in the range are drawn and explained

- Draw and explain the characteristic curves (load characteristic) of DC generators in the range

- The winding of compound generators is explained

Range: Differentially and cumulatively compound

- Explain the winding of compound generators

- Level, over and under compounded generators are explained

- Explain level, over and under compounded generators

- The back emf and emf generated in a motor are calculated

Range: Series, shunt and compound (cumulative and differential) motors

- Calculate the back emf and emf generated in a motor

- The characteristic curves (load characteristic) of DC motors in the range are drawn and explained

- Draw and explain the characteristic curves (load characteristic) of DC motors in the range

- The circuit diagram of the face-plate starter is drawn and its operating principle explained

- Draw a circuit diagram and explain the operating principle of the face-plate starter

- The two types of protective devices included in face-plate starters are listed and explained

Range: no-volt and overload protection

- List and explain the two types of protective

devices included in face-plate starters

- The different types of overload protective devices are explained

Range: Electromagnetic or dashpot type and thermal overload or bi-metal type

- Explain the different types of overload protective devices

- The reversal of direction of rotation of DC motors is explained with the aid of sketches

- Explain with the aid of sketches how the direction of rotation of DC motors can be reversed

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- Calculations are performed using the emf equation of a DC machine

Range: $E = (2p\phi ZN) \div (60 c)$ Volts

- Use the emf equation of a DC machine to perform calculations

- The speed and torque of a DC motor are calculated

Range: $N = (V) \div (k\phi)$ and $T = (0,318I_a Z p \phi) \div (c)$

- Calculate speed and torque of a DC motor

ASSESSMENT TASKS OR ACTIVITIES

Theoretical assessment

- Assess the achievement of the learning outcomes listed

Practical assessment

- Students identify the different types of motors
- Students identify the different types of overload protective devices

SUBJECT OUTCOME

5.2 Explain AC machines

Range: Three-phase and single-phase motors

ASSESSMENT STANDARD LEARNING OUTCOME

- The operation of a three-phase induction motor is explained

- Explain the operation of a three-phase induction motor

- The operating characteristics of a three-phase squirrel-cage and wound-rotor motors are described and explained

- Describe and explain the operating characteristics of a three-phase squirrel-cage and wound-rotor motors

- The synchronous speed and slip of an induction motor are calculated

- Calculate the synchronous speed and slip of an induction motor

- Losses that occur in an induction motor are listed

- List losses that occur in an induction motor

- The no-load or open-circuit test and blocked rotor or short-circuit tests are described and reasons for conducting them given

- Describe the no-load or open-circuit test and blocked rotor or short-circuit tests and explain

why they are conducted

- The factors affecting the performance of induction motors are listed
 - List the factors affecting the performance of induction motors
 - The operation of single-phase AC motors are explained with the aid of circuit diagrams
- Range: Split-phase, capacitor-start capacitor-run, permanent capacitor, capacitor-start induction-run, resistance-start induction run, universal and shaded pole motors
- Draw and explain with the aid of circuit diagrams

t

LEVEL 4	KNOWLEDGE AND COMPREHENSION	APPLICATION	ANALYSIS, SYNTHESIS AND EVALUATION
N	50 - 60%	30 - 40%	0 - 20%

1. General	
Aims	- 3 -
2. Specific	
Aims	3
3. Pre-requisite	3
4.	
Duration.....	3
5.	
Evaluation	- 4 -
6. Learning	
content	- 5 -
7. Mark allocation in the examination as an indication of the weighting of the different modules.....	- 5 -
Module 1: Principles of Electricity	- 6 -
Module 2: Direct Current (DC) Machines	9
Module 3: Alternating- Current (AC) Theory	11
Module 4: Transformer	13
Module 5: Alternating Current (AC)	

Machines 14
Module 6: Generation and Supply of Alternating Current (AC)
Power 15
Module 7: Measuring instruments 16
ed at:
 ♦ Introduction to the application of technological principles such as design procedures; and
 ♦ The relationship between Electrotechnology and other scientific subjects.

3. Pre-requisite
Student must meet at least one of the following requirements.
3.1 Completed National N3 certificate with Electrotechnology N3 or Electrical Trade Theory N3.
3.2 Passed grade 12 with at least level 4 (50% or D symbol) in Mathematics and Natural Science or Electrical subjects.
3.3 Completed NCV level 4 in any engineering programme.
3.4 Passed senior certificate for adult learners with at least level 4 (50% or D symbol) in Mathematics and Physical Science.

4. Duration
Full-time: 7.5 hours per week. This instructional offering may also be offered part-time.
- 4 -

5. Evaluation
5.1 Evaluation is conducted continuously by means of two formal tests at College level.
Learner must obtain a minimum ICASS mark of at least 40% in order to qualify to write the final examination and a mark will be calculated together in a ratio of 40:60 to derive the promotion mark. The learner must obtain at least 40% on the final examination.
The promotion mark will be calculated as follows:
Promotion Mark = 40% of (ICASS mark) + 60% of (Exam mark)
5.2 The examination in Electrotechnics N4 (Engineering Studies - Report 191) will be conducted as follows:
Modules 1 to 7 MARKS: 100
DURATION: 3 HOURS
CLOSED BOOK: Formula sheet is attached to the question paper
Scientific calculators allowed
No programmable calculators allowed
No references allowed
Mark allocation in the examination as an indication of the weighting of the different modules

MODULES	WEIGHTING
1. Principles of Electricity	30
2. DC-machines	20
3. AC-Theory	10
4. Transformer	10
5. AC-machines	10
6. Generation and supply of AC-Power	10
. Measuring Instrument	
TOTAL	

TO What is the SAQA ID for electrical engineering N4?

Accreditation status: N4 - accredited by the Quality Council for Trades and Occupations (QCTO) SAQA ID: 66881. 40 Credits - NQF level 5.

[National Certificate: N4 Electrical Engineering \(SAQA ID 66881\)](#)

[oxbridgeacademy.edu.za](https://www.oxbridgeacademy.edu.za)

[https://www.oxbridgeacademy.edu.za > courses > nationa...](https://www.oxbridgeacademy.edu.za/courses/national-certificate-n4-electrical-engineering)

Search for: [What is the SAQA ID for electrical engineering N4?](#)

- **Module 1 Alternating current circuit theory.**
- **Module 2 Domestic appliances.**
- **Module 3 Lighting systems.**
- **Module 4 Programmable logic controllers.**
- **Module 5 Direct current machines.**
- **Module 6 Alternating current machines.**
- **Module 7 Transformers.**
- **Module 8 Earthing systems.**

Electrical Trade Theory courses N1-N3 are designed to provide the foundational and practical knowledge required for a career in the electrical engineering field

SUBJECTS	TERM1	TERM2	TERM3	TERM4	TOTAL
First Additional Language					
Life Orientation					
Mathematics or Mathematical Literacy					
Vocational subject1					
Vocational subject2					
Vocational subject3 Vocational subject4					
Total number task					

Business studie //

Final icass

SUBJECT ASSESSMENT PLAN

Subject name	Task assessment	Assessment tools	Topics subject outcome	Time mark allocation	examiner	Question submitted	Assessment date	Assessment date	Memo discussion/moderator mark
	test	Marking memo	topics	1hr 50 mark					
	Assignment	Marking memo checklist	topics	75 mark					
	Internal assessment			100 mark					
	Assignment								
	test								

Task	Time frame	Type formal assessment	Scope assment	Mark allocation / contributed
1	Term1	Formal test /oral Pratical aasement	Topic completed /	10%x7,, 20
2	Term2			
3	Term3			
				100

FIRST ADDITIONAL LANGUAGES LANGUAGE: LEVEL:											
YEAR: LECTURER:		MARKS FOR ICASS TASKS							FINAL ICASS MARK		
ICASS TASKS		Tes t1	Ora l1	Fun ctio nal wri	Tes t1	Ora l1	Lite rat ure :Cr	nte rna lEx ami	CA SST OT AL(Co mp ete nce	Co mp ete nce

			ting			eat ve t	nati on	100	Cod	Cod	
N	Student id number	Student name/surna me initial	Converted mark weigth%					1-7			
			100%								

FIRST ADDITIONAL LANGUAGES LANGUAGE: LEVEL:												
YEAR: LECTURER:			MARKS FOR ICASS TASKS						FINAL ICASS MARK			
ICASS TASKS			Tes t1	Ora l1	Fun ctio nal wri ting	Tes t1	Ora l1	Lite rat ure :Cr eati ve t	nte rna lEx ami nati on	CA SST OT AL(100	Co mp ete nce Cod	Co mp ete nce Cod
N	Student id number	Student name/surna me initial	Converted mark weigth%						1-7			
			100%									
YEAR: LECTURER:			MARKS FOR ICASS TASKS						FINAL ICASS MARK			
ICASS TASKS			Tes t1	Ora l1		Tes t1	Ora l1		nte rna lEx ami nati on	CA SST OT AL(100	Co mp ete nce Cod	Co mp ete nce Cod

N	Student id number	Student name/surname initial	Converted mark weighth%	1-7		
			<table><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			
			100%			

vocationel: LEVEL:		
YEAR: LECTURER:	MARKS FOR ICASS TASKS	FINAL ICASS MARK

RECORD SHEET FOR GENERAL - BUSINESS AND UTILITIES STUDIES

YEAR:SEMESTER: LECTURER:			FINAL ICASS MARK																
CLASS SEMESTER MARK SHEET			Assignment	test	Internal exam														
1	Student ID number/STUDENT SURNAME <table border="1"> <tr> <td>Student ID number</td> <td>STUDENT SURNAME</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>		Student ID number	STUDENT SURNAME									Converted mark weighth% <table border="1"> <tr> <td>20%</td> <td>30%</td> <td>50%</td> </tr> </table>	20%	30%	50%	<table border="1"> <tr> <td>TOTAL 100%</td> </tr> </table>		TOTAL 100%
Student ID number	STUDENT SURNAME																		
20%	30%	50%																	
TOTAL 100%																			

TRIMESTER ASSESSMENT SCHEDULE FOR STUDENTS

Subjec	Assessment Task	Assessment tool	Content Coverage	Duration and mark allocation	
1					

TEMPLATE OF ICASS IRREGULARITY REGISTER

NAME OF COLLEGE	SHALOM TECHNICAL
CYCLE EXAM CYCLE & YEAR	

DATE	CENTRE NUMBER	CENTRE NAME	ID NUMBER	OFFER SUBJECT	LEVEL	ICASS TASK	MARK SHEET NUMBER	Category of Irregularity as per irregularity form	Action taken

ADMISSION PERMIT AND EXMINATION**TIME TABLE / 501110002, N1 ENGINEERING STUDIE N****EXAMINATION NUMBER / 2004007064381****CANDIDATE ID NUMBER : 2004007064381****TSHINGOMBE - TSHITADI / TSHITADI MAKANGU****EXAMINATION CENTRE / 899992880****AFRIC TRAINING CENTRE**

F. SUBJECTS	PAPE R	DATE	TIME
F8080641. INDUSTRIAL ELECTRONICS N1. EXTERNAL EXAMNINATION	1	2020007 20	9.00
F. 80902661. ENGINEERING DRAWING N1 .. EXTERNAL EXAMNINATION	1	2020078	9.00
F.110418161. ELECTRICAL TRADE THEORY N1. . EXTERNAL EXAMNINATION	1	2020071 7	9.00
F. 16030121. MATHEMATIC N1. EXTERNAL EXAMINATION .. EXTERNAL EXAMNINATION	1	2020007 21	9.00
RE. MARKING APPLICATION FOR RE - MARKING			

ADMISSION PERMIT AND EXMINATION

TIME TABLE / 501110002, N3

ENGINEERING STUDIE , N

EXAMINATION NUMBER / 2100002023812

CANDIDATE ID NUMBER : 2100002023812

TSHINGOMBE - TSHITADI / TSHITADI MAKANGU

EXAMINATION CENTRE / 899992880

AFRIC TRAINING CENTRE

F. SUBJECTS	PAPE R	DATE	TIME
F8080641. INDUSTRIAL ELECTRONICS N1. EXTERNAL EXAMNINATION	1	20200011 25	9.00
F.110418161 . ELECTRICAL TRADE THEORY N1. EXTERNAL EXAMNINATION	1	20200112 9	9.00
F. 16030121. MATHEMATIC N1. EXTERNAL EXAMINATION . . EXTERNAL EXAMNINATION	1	20200011 26	9.00
RE. MARKING APPLICATION FOR RE - MARKING			

N/ 2 REPLACEMENT TRAINING SUBMISSION PRACTICLA LEVEL 2

ADMISSION PERMIT AND EXMINATION**TIME TABLE / 501110002, N3 ENGINEERING STUDIE N****EXAMINATION NUMBER / 2100002023812****CANDIDATE ID NUMBER : 2100002023812****TSHINGOMBE - TSHITADI / TSHITADI MAKANGU****EXAMINATION CENTRE / 899993812****SHALOM TECHNICAL**

F. SUBJECTS	PAPE R	DATE	TIME
F80806413. INDUSTRIAL ELECTRONICS N3. EXTERNAL EXAMNINATION	1	202108 19	9.00
F.11041263. ELECTRICAL TRADE THEORY N3. . EXTERNAL EXAMNINATION	1	202108 25	9.00
F.15070413 .ENGINEERING SCIENCE N3. EXTERNAL EXAMINATION	1	202108 20	9.00
F. 16030142. MATHEMATIC N3. EXTERNAL EXAMINATION . . EXTERNAL EXAMNINATION	1	202108 23	9.00
RE. MARKING APPLICATION FOR RE - MARKING			

ADMISSION PERMIT AND EXMINATION

TIME TABLE / 501110002, N1 ENGINEERING STUDIE N

EXAMINATION NUMBER / 2004007064381

CANDIDATE ID NUMBER : 2004007064381

TSHINGOMBE - TSHITADI / TSHITADI MAKANGU

EXAMINATION CENTRE / 899992880

AFRIC TRAINING CENTRE

F. SUBJECTS	PAPE R	DATE	TIME
F80800074. ELECTROTECHNICS N4. EXTERNAL EXAMNINATION	1	202202 01	9.00
F. 8080164. INDUSTRIAL ELECTRONICS N4 . EXTERNAL EXAMNINATION	1	202202 08	9.00
F.15070434. ENGINEERING SCIENCE N4. . EXTERNAL EXAMNINATION	1		9.00
F. 16030164. MATHEMATIC N4. EXTERNAL EXAMINATION . . EXTERNAL EXAMNINATION	1	202202 07	9.00
		202202 02	

RE. MARKING APPLICATION FOR RE - MARKING			
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DHET / RSA

ADMISSION PERMIT AND EXMINATION

TIME TABLE / 501110002, N3 ENGINEERING STUDIE N

EXAMINATION NUMBER / 2100002023812

CANDIDATE ID NUMBER : 2100002023812

TSHINGOMBE - TSHITADI / TSHITADI MAKANGU

EXAMINATION CENTRE / 899993812

SHALOM TECHNICAL

F. SUBJECTS	PAPE R	DATE	TIME
F . 4110033. INDUSTRIAL ORIENTATION N3. EXTERNAL EXAMNINATION	1	202311 2	9.00
F.11040023. PLANT OPERATION N3 . EXTERNAL EXAMNINATION	1	202311 29	9.00
F.11040343 .ELECTROTECHNOLOGY . N3. EXTERNAL EXAMINATION	1	202312 06	9.00
F. 11041263. ELECTRICAL TRADE THEORY N3. EXTERNAL	1		9.00

EXAMINATION . . EXTERNAL EXAMINATION		202311 28	
RE. MARKING APPLICATION FOR RE - MARKING			

DHET / RSA

N4: ENGINEERING STUDIES/ NOVEMBER 2021

EXAMINATION NUMBER : 210000203812

1982/11/10

STATEMENT OF RESULTAT

INSTRUCTIONAL OFFERING	%	RESULT
80800074. ELECTROTECHNICS N4	18	FAIL DRUIP
8080164. INDUSTRIAL ELECTRONICS N4	19	FAIL DRUIP
15070434. ENGINEERING SCIENCE N4.	35	FAIL DRUIP
. 16030164. MATHEMATIC N4	29	FAIL DRUIP

RESULT CODE APPEAR ON REVERSE SIDE

2021/12/01

EXAMINATION OFFICER 5563

DEPARTMENT THE RIGTH TO EFFECT CHANGE TO THIS DOCUMENT IS NECESSAIRES .

DHET / RSA

N1: ENGINEERING STUDIES/ NOVEMBER 2021

EXAMINATION NUMBER : 210000203812

1982/11/10

STATEMENT OF RESULTAT

INSTRUCTIONAL OFFERING	%	RESULT

RESULT CODE APPEAR ON REVERSE SIDE

2021/12/01

EXAMINATION OFFICER 5563

DHET / RSA

N3: ENGINEERING STUDIES/ NOVEMBER 2021

EXAMINATION NUMBER : 210000203812

1982/11/10

STATEMENT OF RESULTAT

INSTRUCTIONAL OFFERING	%	RESULT

RESULT CODE APPEAR ON REVERSE SIDE

2021/12/01

EXAMINATION OFFICER

5563

TIME TABLE: ADM EXAM

**INTERNAL ST PEACE COLLEGE INTERNAL TEST CLASS WORK FINAL ASSESSMENT
EXANT**

STATEMENT OF RESULTAT /

RESULT :

RESULT SCALE WEIGHT RE-MARKER

100% ANSWER

SHOORT, MEDUIM , MARKING / SPOUNTER / .. SPONGER / , PANDY,

RESULT:

ASSESSMENT CENTER IRREGULARITY :

F FULL P INVALIDE SUBJECT , 23 FEBRUART 2023 , 2021 NOVEMBER 1036 REF:

**IRREGULARITY DECISSION BASED FINALISED , FAIL ADDED INFORMATION AS SOON IT
FINALISED**

SAQA

RESULT

**EVALUATION OF FOREIGN QUALIFICATION TEAM : FINAL AWARD DEGREE DIPLOMA
CERTIFICATE ,**

SUBMITTED SCREEN DATE , 14/11/2019 ..

- INTERNATIONAL DEGREE QUALIFICATION RECOMMANDE NOTE ,

AWARD SAQA MEET REQUIRENT SCHOOL LEAVERS:

ST EACE COLLEGE INTERNAL ASSESSMENT :

DHET / RSA

ADMISSION PERMIT AND EXMINATION

TIME TABLE / 501110002, N3 ENGINEERING STUDIE N

EXAMINATION NUMBER / 2100002023812

CANDIDATE ID NUMBER : 2100002023812

TSHINGOMBE - TSHITADI / TSHITADI MAKANGU

EXAMINATION CENTRE /

**ICASS TEST , CLASSWORK MMORENDUM , ISAT
PRACTICAL TRADE / PANEL ELECTRICAL WIRING**

-AWARD : CERTIFICATE : CERTIFICATE N0:

31-10-2020

COM 182609001/

CRITERIAT

ICASS

MARK FINAL 80% CALCULATION :

80%+0,4=32 FINAL

32+21= 53 PASS

ICASS MARK 45 %

45%.04+18 EXAM MARK , 29%X0= PASSED

17,4 AND FINAL , 18+17,4 =35

JAN 2023 MARK ADDITIONAL ASSEMENT MAY USED CALCULA ,

$$20/30+0/70=200/100$$

CALCULATION FINAL ICASS ,

$$19+0,4=$$

	MARK FINAL 80% CALCULATION : 80%+0,4=32 FINAL 32+21= 53 PASS ICASS MARK 45 % 45%.04+18 EXAM MARK , 29%X0= PASSED 17,4 AND FINAL , 18+17,4 =35 <u>JAN 2023 MARK ADDITIONAL ASSEMENT</u> <u>MAY USED CALCULA ,</u> 20/30+0/70=200/100 CALCULATION FINAL ICASS , 19+0,4=
	20+0.4= 29+0,4= 30+0,4= 19% X 0,6=11,4 20% X 0,6=17,7 30 X 0,6=18 <u>TVET YEARS SEMMESTER FINAL /</u> <u>SUBMISSION N4-N5, N6,N3 , N</u> <u>DIPLOMAT N STUDIE SUBMISION</u> <u>CERTIFICATE YEARS CLOSE YEARS</u> <u>BASE//</u> <u>2022 IRREGULARITY ADDIDTIONAL</u> 11,4+50=66,4% 12,50=66,5% 17,7+50+77,50% 18+50+68,8%

BOOK SHALOM TECHNICAL RELEASE RESULTAT PROGRESS MARKING ASSESSMENT
, VERIFICATION

TIME TABLE: ADM EXAM /

CONTINUE ASSESSMENT 2023 IN PROGRESS

N5,N6 / RE- RWITEN N3

STATEMENT : ENGINEERING BUSINESS

AFRICA TRAINING INSTITUT EXTERNAL ASSESMENT

STATEMENT OF RESULTAT N1

INTRUCTION OFFER	%	RESULT

TEST 1/TEST2 80 / CLASS WORK / SUBMISSION TOPICS ,

PREVIOUS MEMO LAST PAPERS

LEVEL COMPLETED WEEK 80% WORD / 3000 MARKS

MODULES WEIGHT SCALE

STATEMENT OF RESULT AT N2 REPLACEMENT

INSTRUCTION OFFER	%	RESULT

TEST 1/TEST2 80 / CLASS WORK / SUBMISSION TOPICS ,

PREVIOUS MEMO LAST PAPERS

LEVEL COMPLETED WEEK 80% WORD / 3000 MARKS

STATEMENT OF RESULT

N 5 FINAL /

INSTRUCTION OFFER	%	RESULT

TEST 1/TEST2 80 / CLASS WORK / SUBMISSION TOPICS ,

PREVIOUS MEMO LAST PAPPERS

LEVEL COMPLETED WEEK 80% WORD / 3000MARKS

PRACTICAL PLUMBING

STATEMENT OF RESULTAT/ FINAL N6

	%	RESULT

TEST 1/TEST2 80 / CLASS WORK / SUBMISSION TOPICS ,

PREVIOUS MEMO LAST PAPPERS

LEVEL COMPLETED WEEK 80% WORD / 3000MARKS

TOPIC ACHIEVEMNT / RATING

ICASS / REMARK FINAL

STATEMENT EXTERNAL / SHALOM TECHNICAL EXTERNAL COMPARE

STATEMENT OF RESULT

STUDIE ENGINEERING N3

STATEMENT OF RESULTAT N4

ACHIEVEMENT AWARD ,

CERTIFICATE

DIPLOMA AWARD / RELEASE ACHIEVEMENT CERTIFICATE ,, HOD FILE LECTURE ,,

APPLICATION

,N4,N3, N5,N6, EXPERIMENTAL WORKPLACE , AWARD DIPLOMA CAREER

VERIFICATION CAREER JOB

JOB SCORE

RELEASE COMPARE ,, OUTCOM , SCOPE SAQA RESULT EXPERIMENTAL

EVIDENCE LOW BODY INSURANCE OCCUPATION FRAMEWORK

QCTO RESULT TRADE RELEASE

RESEARCH RESULTAT POE'S RESULT TOPICS ACHIEVEMENT

TOPICS PRACTICAL RESULTAT CERTIFICATE :

RELEASE RE - CERTIFICATION N4,N5,N6 INSURANCE BODY ,, SAQA QCTO
CPD DEVELOPMENT SAQA AWARD MEEETING

COUNCIL TRDE , COUNCIL ENGINEERING , EXPERIMENTAL, COUNCIL :

REF: CHIEF DIRECTORATE: NATIONAL EXAMINATIONS AND ASSESSMENT
Private Bag X110, Pretoria, 0001, South Africa, 123 Francis Baard Street, PRETORIA, 0002.
Tel: +27 12 357 3892, Fax: 012 328 6878, <http://www.dhet.gov.za>

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Tel.: (012) 357 3966 / 082 697 0982
Email: devilliers.p@dbe.gov.za
TO: CAMPUS MANAGERS
ACADEMIC HEADS
EXAMINATION OFFICERS
DEPUTY PRINCIPALS: ACADEMIC
PRINCIPALS OF PUBLIC TVET COLLEGES AND PRIVATE COLLEGES
SOUTH AFRICAN COLLEGE PRINCIPALS' ORGANISATION (SACPO)
REGIONAL DIRECTORS/ MANAGERS
UMALU

MEMORANDUM TE50 OF 2016
RELEASE OF 201608 RESULTS

1. RELEASE OF 201608 ENGINEERING STUDIES EXAMINATION RESULTS

The quality assurance bodies responsible for TVET College qualifications approved the release of the August

2016 examination results for Report 190/1 Engineering Studies. These schedules of results were subsequently released to examination centre

The results for the one subject listed below (Table 1.1) were not standardised and published due to low capture rates and will be released later this week once all outstanding marks are received from examination centres. The results for this subject currently reflect as UNDER INVESTIGATION

SUBJECT CODE	SUBJECT	LEVEL	RESON	
N3	ELECTRICAL TRADE THEORY	N3	UNDER INVESTIGATION	

trade-related qualifications design, assessment, and quality assurance. Models are developed based on international best practice, and developments, both in current practice and in terms of the future world of work, are investigated and analyse